

From: [PETERSON Jenn L](#)
To: [Eric Blischke/R10/USEPA/US@EPA](#)
Subject: RE: Dissolved Organic Carbon
Date: 08/05/2008 09:25 AM

I quickly looked at the Morrison paper and the LWG equation and it doesn't match up. They have made some modifications to the equation that they do not justify. I copied both for you and perhaps you can make more sense of it than I.

-Jennifer

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Tuesday, August 05, 2008 8:45 AM
To: PETERSON Jenn L
Subject: Dissolved Organic Carbon

Jennifer, a quick review of the surface water data indicates that we have dissolved and total organic carbon data for all surface water stations. DOC concentrations range from 1.4 - 1.7 mg/l; TOC concentrations range from 1.7 - 2.3 mg/l. We also have data for total suspended and total dissolved solids. It seems to me that this data should be sufficient to apply the Morrison equation. The question I have is regarding the correction to account for the 0.2 micron and 0.5 micron filters. If you have the Morrison paper, can you bring a copy to the M&B meeting for me.

Thanks, Eric